

IN THE SPECIFICATION:

Please replace the Summary of Invention section on page 3, line 2 through page 3, line 14 with the following amended section:

--An object of the present invention is to provide a network device and network system in which a user can quickly search for a combination of one function and another function in the network system connected to a directory server and a plurality of devices.

To achieve the object, there is provided a multi-functional device connected to a network, and having a plurality of functions including at least a first function and a second function. The device includes registration means for transmitting information on the function of the multi-functional device to a server apparatus, and registering the information in the server apparatus; generation means for generating information corresponding to a third function realized by combining the first function and second function; and control means for controlling the registration means to register the information generated by the generation means in the server apparatus. The device also includes reception means for receiving service information provided by another device which includes location information indicating a location of the other device registered in the server apparatus; and determination means for determining whether the other device and the multi-functional device neighbor each other, based on the location of the other device indicated by the location information received by the reception means and a location in which said multi-functional device is placed. The control means controls the registration means to register in the server apparatus information that relates the service

information received by the reception means with service information indicating a service that the multi-functional device can provide, if the determination means determines that the other device and the multi-functional device neighbor each other.

According to the present invention, there is also provided a network device connected to a network, including a reception means and transmission means. The reception means receives service information provided by another device which includes location information indicating a location of the other device registered in a server apparatus. The transmission means transmits the service information received by the reception means and service information indicating a service that the network device can provide to the server apparatus such that the service information for the other device and the service information for said network device is related with each other and registered in the server apparatus, if the location of the other device indicated by the received location information and a location in which the network device is placed neighbor each other.

According to the present invention, there is further provided a server apparatus that can communicate with a plurality of devices, including a reception means, a retaining means and a transmission means. The reception means receives from each of the plurality of devices location information indicating a location of the device. The retaining means retains the location information for each of the plurality of devices received by the reception means. The transmission means transmits service information indicating one service that a number of devices among the plurality of devices can provide in cooperation and the location information indicating the location for each of the number of devices based on the information retained by the retaining means. network device for generating a

~~combined function utilizing two or more functions out of a plurality of functions able to be provided by a first network device constituting a plurality of network devices, and registering the generated combined function in a directory server in a network system connected to the directory server and the plurality of network devices.--~~